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**Basic Imagery Interpretation Report**



**NATIONAL  
PHOTOGRAPHIC  
INTERPRETATION  
CENTER**

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**SMOLENSK AIRCRAFT COMPONENTS PLANT 475**

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**STRATEGIC WEAPONS INDUSTRIAL FACILITIES**

**USSR**

**MARCH 1969**

Declass Review by NIMA / DoD

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TITLE	SEC. CLASS.	LOCATION
NPIC		

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Smolensk Aircraft Components Plant 475		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	54-49-10N 032-02-45E	
MAP REFERENCE		
ACIC. USATC, Series 200, Sheet 0167-7, Scale 1:200,000		

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**ABSTRACT**

Smolensk Aircraft Components Plant 475 probably still produces aircraft parts and associated equipment, although no aircraft have been seen in the plant area since it was first identified [redacted]. In addition, air-to-surface missile (ASM) crates have been identified in a portion of the facility, and the plant is believed to produce air-to-surface missiles or major subassemblies for such missiles, even though no actual missiles have been observed.

Many assembly and shop buildings, an engine test building suitable for testing small turbojet engines, and a transshipment area which probably serves Plant 475 and the Smolensk Airfield make up the most important parts of this facility.

This report traces the development of the plant [redacted]. Functional descriptions and mensural data on the facility have been provided so that the capability of the plant to produce varied systems can be more precisely evaluated.

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## INTRODUCTION

Smolensk Aircraft Components Plant 475 (Figures 1 and 2) is located immediately south of Smolensk Airfield [ ] and approximately 2 nautical miles (nm) north of the city of Smolensk, USSR. A transshipment area is approximately 1.5 nm west-southwest of the plant. What is possibly the Smolensk Aircraft Plant 476, believed to manufacture aircraft components, is 0.5 nm east of Plant 475.

## BASIC DESCRIPTION

### Physical Features

The major facilities at Plant 475 consist of assembly and shop buildings, administration and engineering buildings, warehouses, and support buildings. The total floorspace of the facility [ ] was approximately 1.1 million square feet. Functional descriptions and dimensions of these facilities are presented in a table which is keyed to the detailed drawing of the plant (Figure 3). Distribution of floorspace by building type is presented in the following tabulation:

[ ]

The plant, first observed [ ] and destroyed by airstrikes [ ] was not observed again [ ].  
The total floorspace [ ] represents an increase of approximately 876,000 square feet since its reconstruction prior [ ]. The largest amount of this total was added [ ].

### Transshipment Area

The rail- and road-served transshipment area is secured by a wall and fence, and contains 23 buildings. Forty-three KENNEL or SAMLET shipping crates, 17 probable KITCHEN crates, and six FARMER crates were observed in the area [ ]. It probably serves both Plant 475 and the Smolensk Airfield [ ].

Facilities for the construction of shipping crates are located in the transshipment area with stacks of lumber observed adjacent to carpenter shops and other related buildings. The types of crates could not be identified when they were first observed [ ].

### Chronological Development

Smolensk Aircraft Components Plant 475 was first observed on [ ] photography [ ]. It was destroyed by airstrikes [ ].

The installation was approximately 25 percent reconstructed when observed on photography [ ]. At that time a steam plant (Item 24, Figure 3) and an engine test building (Item 30) were observed. The engine test building has a vertical blast deflector and is suitable for testing small turbojet engines. Two partially completed assembly or shop buildings (Items 44 and 51) and numerous support and administration buildings, with a total floorspace of approximately 304,000 square feet, were also present.

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[redacted]

One large assembly or shop building (Item 40) was completed [redacted]. The two partially completed buildings (Items 44 and 51) were completed and appeared operational [redacted]. Most of the expansion in this time period was observed in [redacted] and consisted of warehouses, utility buildings, and other small buildings.

[redacted]

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### Production Activity

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Smolensk Aircraft Components Plant 475 probably still is a producer of aircraft parts and associated equipment. However, aircraft have never been observed in the plant area. Aircraft were observed at the nearby Smolensk Airfield hangar area [redacted].

[redacted]

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### Essential Services

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Air service is supplied by the Smolensk Airfield, which is primarily military but also serves commercial flights. The airfield was observed for the first time [redacted] was severely damaged by bombing during World War II, and was reconstructed [redacted]. It now consists of a 6,570 [redacted] east/west concrete runway with associated taxiways, parking aprons and aircraft repair facilities. There is no taxiway connection between the airfield and the plant.

A rail-served AAM facility, immediately west of the airfield, contains a rail transfer point, one drive-through building, three small barricaded buildings, two large barricaded buildings, three small support buildings, and is secured by a double fence.

The city of Smolensk is served by a main double-track rail line, and Plant 475 is served by a spur from this rail line. The spur enters the southern part of the plant and services many buildings. Numerous shorter spurs and sidings are also present, but no unusual rolling stock has been observed at any time. The plant is also served by a good all-weather road system.

The Dnepr River which runs through the center of the city is a navigable waterway; however, it cannot be determined if products from Plant 475 are shipped or received on this river.

### Security

A wall and fence surround Plant 475. There are four entrances, two located on the east side of the facility, and the other two on the west and southwest sides of the facility. An administration-type building is at the entrance on the west side and the southwest entrance has a small security gatehouse.

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### Military Installations

25X1A Numerous military installations are near Smolensk Aircraft Components Plant 475.  
25X1A They are as follows: Smolensk SAM Site A33-2 [REDACTED] Smolensk Air Defense  
25X1A Sector Headquarters [REDACTED] Smolensk Northwest IR/MRBM Army Head-  
25X1A quarters [REDACTED] Smolensk Fighter Division Headquarters [REDACTED]  
25X1A Smolensk Army Barracks Northwest [REDACTED] Smolensk Army Barracks South-  
25X1A west [REDACTED] Smolensk SAM Site A24-2 [REDACTED] and Smolensk  
25X1A Airfield South [REDACTED] which is approximately 5 nm south of Smolensk  
25X1A Aircraft Plant 475.

### REFERENCES

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### MAPS OR CHARTS

ACIC. USATC, Series 200, Sheet 0167-7, Scale 1:200,000

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### REQUIREMENT

COMIREX BR-J/002-69  
NPIC Project 210451

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